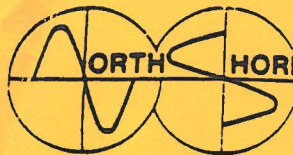


First Class Première classe



NORTH SHORE AMATEUR RADIO CLUB INC.

P.O. BOX 171, OSHAWA, ONT., L1H 7L1

November, 1985



VE3CRK 85
Ralph Day
454 Holcan Ave.
Oshawa Ont.
L1G 5X6

NORTH SHORE
AMATEUR
RADIO CLUB

SPARKS

North Shore
Amateur Radio Club

NORTH SHORE AMATEUR RADIO CLUB Inc. Newsletter

P.O. BOX 171
Oshawa, Ontario, Canada.
NOVEMBER, 1985.

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1985 EXECUTIVE AND OFFICERS.

President	Neil McAlister	VE3KSP (after 6:00 p.m. please)	668-4161
Vice President	Joe White	VE3IHS	623-4069
Secretary	Charlie Bissett	VE3IBO	668-7481
Treasurer	Colin Bell	VE3CEU	723-7842
Program Co-ordinator	Roy Norton	VE3OHN	623-7125
Community Relations	Frank Lane	VE3NIP	668-1982
Registrar	Keith Wyard-Scott	VE3GDF	723-5758
Get Well Cards	Ted Brant	VE3ADD	668-3561
2 Meter Net	Roy Miller	VE3AAF	
Editor	Bill Fortune	VE3NTI	722-6241

(after 6:00 p.m. please)

Vice President	Joe White	VE3IHS	623-4069
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Secretary	Charlie Bissett	VE3IBO	668-7481
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Treasurer	Colin Bell	VE3CEU	723-7842
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Relations	Frank Lane	VE3NIP	668-1982
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2 Meter Net	Roy Miller	VE3AAF	733 6341
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N.B. a) the executive meets the third Tuesday of the month.
b) information and articles for publication should be passed directly to the Editor at meetings, sent over the net or mailed to: Bill Fortune, RR#2, P.O. BOX H100, Sutton West, Ontario, L0E 1R0.

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CLUB STATION.....VE3NSR

CLUB REPEATER.....VE3OSH	147.72 MHz. in
	147.12 MHz. out

147.12 MHz. out

CLUB NETS 2 Meters Net each Thursday via VE3OSH
 at 1930 hrs. - local time.
 Net Control: ROY, VE3AAF.

at 1930 hrs. - local time.

Net Control: ROY, VE3AAF.

10 Meters Net SSB each Sunday
at 1000 hrs. - local time - on 28.200 Mhz.
Net Control: ?????

at 1000 hrs. - local time - on 28.200 Mhz.

Net Control: ?????

Monthly Club Meetings are held at 2000 hrs. on the second Tuesday of every month (except July and August) in the cafeteria of O'Neil Collegiate, Simcoe Street North, Oshawa.

Next Meeting: Tuesday, NOVEMBER 12, 1985.

FROM YOUR EXECUTIVE

Greetings, Comrades! -- I mean, OMs and YLs! Nice to be back in "civilization", and busy with NSARC business again! Every year, Autumn brings changes to our club, and new chances for members to share their talents. Here's a rundown on some exciting "help wanted" opportunities at NSARC this fall:

Newsletter Editor Required

First, the whole club thanks Bill Fortune, VE3NTI, and his wife Mildred for their hard work as virtual Co-Editors of the newsletter this year. They have established a high standard that will be a tough act to follow. But all good things must come to an end: This is their last issue of SPARKS! So, with much gratitude and a tip of the hat to the Fortunes, NSARC is now looking for one or more new Editor(s). Publication of SPARKS is suspended with this issue, but it will resume just as soon as a new Editor steps forward.

Elections for Directors

Also on the "help wanted" list, we require nominations for two new Directors for two-year terms of office, starting in 1986. Someone must take on the job of being a one-man Nominating Committee. If you can stand for election yourself, great! Here is your big chance to run this club the way you want in 1986! Because there will probably be no December issue of the newsletter, we take this opportunity to publicize that Elections for Directors will take place at the regular, December meeting.

VE3NIP Heads Community Relations

Frank Lane, VE3NIP, has volunteered for a job as NSARC's Community Relations man. "PR" is critical for the long-term recruitment and survivability of this club in particular, and of ham radio in general. Too long our club, and our hobby, has modestly remained silent about the good things we do -- or worse, we have let "CB" get the credit for valuable public services rendered by Amateurs. Hopefully, this will change!

Novice Course Organized

Even though we have returned from the brink of bankruptcy, and now have money in the bank, this club will self-destruct within 5 years. Why? Because of apathy. We need enthusiastic, new members, or there will be no NSARC by 1990. Hats off, therefore, to our imaginative Veep, Joe (VE3IHS) for organizing a 20-week Novice Course. If possible, a different member will teach each week. In this way, the burden is not too great for any one member -- we each specialize in one small section of the course. Already we have 7 volunteer teachers! But we could use more: Contact Joe.

73s -- Neil, VE3KSP
(President)

NOVEMBER AND DECEMBER MEETINGS

- November:
1. Nominations for Directors
 2. VE3KSP will present a slide show of his recent trip to the People's Republic of China

December: IMPORTANT! Elections of New Directors for NSARC Inc.

NOTES FROM OCTOBER MEETING

1. There were several guests at the meeting including one from VE1 land, Bathurst, New Brunswick. His remarks concerning membership were well received as we are trying hard to increase our membership.
2. Congratulations to VE3IND, EVAN on his election to R.S.O., (Radio Society of Ontario). His talk on R.S.O. present and future is a mammoth challenge but with his enthusiasm and drive I am sure he is up to the task. We wish him the best from N.S.A.R.C.
3. Another member of our club, DOUG, VE3MKC was elected Director of Membership of the Radio Society of Ontario. Some of us have heard DOUG while working on getting the R.S.O. membership list transferred from one computer to his C64. Best of luck DOUG from all of us at N.S.A.R.C.
4. It was announced at the October meeting that we urgently need a membership drive if we are to keep pace with the state of the art repeater facilities with linking and Bells and Whistles as outlined by VE3CAB, TERRY.

The question of training classes for new operators was discussed. A plan used by the Instrument Society of America was mentioned. With this plan a course set up over a twenty week period would require one lecturer per week or a total of twenty lecturers for the course period.

This would mean that the course would have to be divided into twenty modules. Since the student's success is based on 90% of home study effort, the idea of a different lecturer each week should have no psychological effect and in the overall should be a greater help as each lecturer handles only one subject. There will be more information on this item in bulletins to follow.

5. There was a discussion of the emergency exercise concerning equipment with a priority on antennas and their locations. Looking at a real emergency it was agreed that portable antennas would meet most requirements.

VE3LLE, BOB mentioned the J. Pole for 2 meters and offered his services and QTH for a Do-it-yourself antenna project based on the J. Pole. The date to be announced, but tentatively October 19, 1985. JOE, VE3IHS,

2 METER ANTENNA CLINIC AT LLE's

Further to the issue of emergency preparedness, to which the September exercise drew our attention, BOB, VE3LLE, generously offered both his considerable expertise and the use of his large and well-equipped garage for a special 2-meter emergency antenna clinic on October 19. We are indebted to BOB for this clinic and for the many contributions he makes on behalf of the members.

NEIL, VE3KSP

BOY SCOUTS JAMBOREE OF THE AIR

On October 15, 1985 VE3LEW, DAVE suggested over OSH that it might be a good idea to participate with the Boy Scouts Jamboree of the Air. The idea could help our drive for new members. Since there was the possibility that I would not be around for this event I contacted, (via land line) VE3NIP, FRANK our Public Relations Officer and asked him to go on two meters (OSH) and see what he and DAVE could arrange. The location of the scout group was Ashburn. I listened as DAVE and FRANK organized their equipment etc. I left them with the project well in hand. The executive's many thanks to them for taking on a project at such a late date. JOE, VE3IHS.

BOY SCOUT JAMBOREE

We should like to thank those members who participated in the BOY SCOUT JAMBOREE which took place in Ashburn and Blackstock on the 19th and 20th of October. As in the past, this annual event was quite successful.

Thanks to FRANK, VE3NIP; DAVE, VE3LEW AND GREG, VE3MLX for their work with the scouts at Ashburn and to GLEN, VE3LIZ; MARTIN, VE3GMM AND WALTER, VE3DYE at Blackstock. Please excuse yours truly, VE3IBO if anyone was left out.

J. POLE ANTENNA - PROJECT, OCTOBER 19,20, 1985.

Held at VE3LL3, BOB's QTH on the above date. We had a good turn out for this project with all antennas to be made available to any emergency operator or group from the N.S.A.R.C. Antennas will be placed in strategic locations so that should the holder of the antenna not be available for duty, the antenna can be picked up by another member.

The Project was a learning experience for most, even those who had previous experience. VE3LLE, BOB's XYL provided coffee and cookies. VE3KSP provided donuts. Work on the Sunday, October 20 consisted of tuning the balance of the antennas left from the Saturday. We need more projects like this one, such as the "Tone Alert" as written in SPARKS by VE3HMG, ERIC a few years ago. Let's look into it.

Those present were: BOB, VE3LLE; JACK, VE3SJ; JACK SCHNEIDER, VE3ABV; HESSEL, VE3FAT; NEILL, VE3KSP; ROY, VE3NLV; BILL, N4LEC/VE3; JOE, VE3IHS.

The project would not be complete without a joke from VE3SJ, JACK; a Newfie joke. It seems that a Newfie was employed by the Ontario Highway Department painting the white line on the highway. The first day he painted 50 yards. The second day he painted 25 yards and the third day he painted 10 yards.

The foreman of the project asked the Newfie what was going on. "How come your distances are getting shorter each day?"

The Newfie answered, "That's easy. I'm getting further away from the paint pot."

JOE, VE3IHS

6

RADIO SOCIETY OF ONTARIO - R.S.O. - AN APPEAL

Judging by the many questions at the club meeting in October, there is much confusion concerning the Radio Society of Ontario. It seems that the R.S.O. has done a poor job of publicizing itself.

The R.S.O. is NOT ANOTHER NATIONAL ASSOCIATION; it does NOT compete with, or duplicate C.A.R.F., C.R.R.L. or their programs.

The R.S.O. is comprised OF Ontario Hams and is FOR Ontario Hams. Its purpose is to serve the Ontario Amateur Radio Community and Ontario.

The cost reduction from \$100.00 to \$25.00 for call sign licence plates is typical. The saving here will pay for four year's membership and have money left over. There are other exciting projects in the works.

DOUG, VE3MKC is a director and membership chairman. To serve you better WE NEED YOUR SUPPORT!

Why not join R.S.O.??? NOW!!!

EVAN, VE3IND,
President,
RADIO SOCIETY OF ONTARIO

REPORT ON TRIP FROM DICK, KA2KNZ, OUR FOREIGN CORRESPONDENT

It had been my intention to take my hand-held with me to England but after some enquiries I realized that there were several complications involved. They could have been resolved, but upon the advice of GJ3AME from the Isle of Jersey I did not follow my plan through. One factor was that it required 50 watts to operate to be able to enter the repeater. Secondly, there had to be a change made in the set in order to be able to use the frequencies. No. 3 was hard cash to the tune of 12 about \$16.00 American and in Canadian funds would have been about \$22.00 so for two weeks it was no advantage. We also found out that being on tour there were very few chances to use a hand-held.

However I did not go hamless. My first contact very early on was with Glen Ross, G8MWR, Region 3 Representative for the Radio Society of Great Britain. I met him in Coventry and we had an interesting half hour together.

My second contact was at an hotel in Leeds. Ann and I were coming back from our early morning walk and I was wearing my Gold Club Radio Jacket and I heard someone shout "A Ham!" and turning, the young man said, "I didn't think there were any Hams in England. You are the first one I have seen." so we exchanged greetings and made a tentative date in the future for a contact. The Ham was STAN FINN, ZS5AZ of Durban, South Africa so I did not need a set after all to get a QSL

The experience was another step up in my knowledge of the radio world.

73

DICK, KA2KNZ.

NEWCOMER

We would like to welcome LEO, VE3HG who recently moved into the Bowmanville area.

INFORMATION WANTED ON: (please call VE3IBO)

SOAR Corporation, (Japan) frequency counter Model FC-845,
Manual/schematic please.

BENCO field strength meter, Model FSP-2
Manual/schematic, please.

STARK dynamic mutual conductance tube tester, Model 9-66
Manual/schematic, please

Anyone wishing to donate older copies of RAINBOW MAGAZINE
to the library of VE3IBO would be appreciated

SELL, SWAP, BUY

HEATHKIT:

RX-1 (Mohawk) receiver 1.8 to 30.0 MHz.

TX-1 (Apache) transmitter 3.5 to 30.0 MHz.

SB-10 (sideband adapter) 3.5 to 30.0 MHz.

Complete package only with all manuals - VE3IBO
\$250.00.

B+K TV analyst, Model 1075, ideal for someone starting
out in SSTV (slow scan television) with manual. Would like to
swap for an SB200 linear amp or equivalent value in Heath SB
series of equipment. VE3IBO.

PICK-UP FOR PARTS 1-A 16" Emerson B+W TV, might be repairable
from VE3EVJ

Future issues of the bulletin to The Ontario Trilliums
should be sent to their new Editor:

Mrs. Stella I Bradley, VE3NXG
6 Craigleigh Crescent,
Bramalea, Ontario,
L6T 2E3

COMING EVENTS

9th Annual Newmarket Fleamarket will be held Saturday,
November 9, 1985 from 0800 - 1400 hrs. at Huron Heights Secondary
School, Newmarket. (north side of Davis Drive between Patterson
and Huron Heights just east of the hospital) Admission - \$3.00.
Talk in VE3YRC 147.825 input/147.225 MHz, output and
146.52 MHz. simplex.

NOTE: The local School Board does not permit smoking in any
school. Smokers are advised that they will be required to
smoke outdoors.

THE LINK SYSTEM AT VE3ULR

At our meeting in September TERRY, VE3CAP gave a very
comprehensive, technical yet lucid account of the link system
based at VE3ULR (Aurora)

He supported his talk with excellent slides of a variety of
equipment in use at repeater stations linked to VE3ULR. In
addition, his slides of graphs and illustrations were very
worthwhile. Those present enjoyed his presentation immensely.
OTHER CLUBS PLEASE NOTE: Terry indicated that he would be quite
willing to visit other clubs, You would find his presentation
very enlightening.

We are indebted to CHARLIE, VE3IBO and to 73 MAGAZINE for the following Calendar of events:

Nov 16-17	ARRL Sweepstakes-Phone
Nov 23-24	ARRL EME Competition-Part 2
Dec 7-8	ARRL 160-Meter Contest
Dec 14-15	ARRL 10-Meter Contest
Dec 26-Jan 1	QRP Winter Sports-CW
Jan 11-12	Hunting Lions in the Air Contest
Jan 11	5th Annual 73 40-Meter World SSB Championship
Jan 12	5th Annual 73 75-Meter World SSB Championship
Jan 18	8th Annual 73 160-Meter World SSB Championship
Jan 25	2nd Annual 73 15-Meter World SSB Championship
Jan 26	2nd Annual 73 20-Meter World SSB Championship

CRRL NEWS

Jack Ravenscroft, VE3SR, is off the air. A hearing, held in Ottawa on July 25, resulted in an interim injunction that prevents Jack from operating an Amateur Radio station from his home. This injunction does not set a precedent. It does provide a "cooling off" period for Jack's neighbours who are suing Jack for \$35,000 for Jack's allegedly interfering with the operation of a furnace control, a microwave oven, an electronic organ and a television set. Jack's case will soon be coming to trial. The result of that trial will set a precedent, one that would affect not only radio amateurs, but all users of the radio spectrum who, like Jack, are licensed and operating with "clean" transmitters, within the law. Jack's case merits your attention. By mid-August, Jack had received 215 donations totalling \$6500. By that time, however, Jack's legal expenses totalled \$5000. Jack will need much more than the remaining \$1500 as his case goes to trial. Please, if you have not done so already, send a donation to the Jack Ravenscroft RF Susceptibility Defence Fund, Box 8873, Ottawa, Ontario K1G 3J2. Help Jack win this important case for all of us.

Tom Atkins, VE3CDM, has been reelected CRRL President and Harry MacLean, VE3GR0, has been reelected CRRL Vice President for two-year terms of office that begin on 1986 January 1. Under ARRL by-laws, Tom automatically becomes the ARRL Canadian Director, and Harry automatically becomes the ARRL Canadian Vice Director. Both Tom and Harry ran unopposed, eliminating the need for ballots in this round of CRRL elections.

Some 500 amateurs, many from outside of Ontario, attended the RSO-CRRL '85 Convention, held in London, Ontario, September 27-29. At the convention, DOC made several important announcements. Effective Friday, September 27, Canadian amateurs were able to 1) use CW and phone, maximum legal power, on the entire 160-metre amateur band, 1.8-2.0 MHz, 2) operate repeaters on the 29 MHz band, 3) use 6MHz bandwidth for fast-scan television, and 4) operate slow-scan television without a special endorsement. Also effective September 27, foreign amateurs from ITU Regions 1 and 3, operating in Canada under reciprocal agreements, were able to use the entire Canadian 2-metre band, 144-148 MHz. DOC declined to comment on "Restructuring of the Amateur Service", which is likely to propose a Canadian novice licence, because that document was not yet in its final form. DOC did reiterate its intention to bring out a proposal for "Deregulation of Mode Subbands" which would allow Canadian amateurs to operate any mode anywhere on their amateur bands, relying only on voluntary adherence to recommended band plans.

Only hours before it was scheduled to begin, the phone portion of the 1985 CRRL Can-Am Contest was cancelled. Reason? It had become obvious that the contest would interfere with amateurs trying to relay traffic related to the Mexican earthquakes. In recent years, testers have often been criticized for their activities. CRRL feels that the cancellation of the contest, initially suggested by prominent representatives of the contest community, shows that testers are responsible amateurs. Many thanks to CRRL Directors and Section Managers, the staff at W1AW, and N6TR, for getting the word out so quickly.

CANADIAN RADIO RELAY LEAGUE PUBLICATIONS

THE CANADIAN AMATEUR LICENSING MANUAL - by Ralph Zbarsky VE7BTG the author of its highly praised predecessors. Conforms with current DOC licensing criteria. Both license classes in one book.	\$18.75
THE CANADIAN AMATEUR QUESTION BOOK - by Mitch Powell VE3OT. Revised to conform with current TRC-24 syllabus, covers both license classes. Format similar to exam style. Has section on electronic diagrams	\$10.00
THE CANADIAN AMATEUR CODE TRAINING TAPES - by Ralph Zbarsky VE7BTG Five C-90 audio tapes teach morse to the beginner, from zero to 12 words per minute to provide a comfort margin over the tests 10wpm.	\$38.00 (O.T.)

APOLOGIES

COLIN BELL, VE3CEU, our Treasurer and long standing executive member of the club was inadvertently omitted from the Executive list in the October Issue. Sorry about that COLIN...

CORRECTION

A vote of thanks to FRANK HUGHES, VE3DOB, Editor of T.C.A. (C.A.R.F.) for bringing to our attention the error in October "Sparks" where it stated that the 24 MHz band was open as of June, 1985. The information came via a land call from FRANK on the night of our October Meeting.

73

VE3IHS

(ED. NOTE - I misinterpreted information received. My apologies)

DECEMBER ISSUE - LATE FLASH!!!

ED TAYLOR, VE3FRM who has contributed extensively to our newsletter over the past year has volunteered to prepare the December issue. Thanks ED.

We are still, of course, looking for one or more members to assume the Editor's role for the coming year.

FAREWELL FROM THE EDITOR

With this issue my stint as Editor of Sparks is completed. It has been an interesting and enjoyable year and not as difficult as I had originally anticipated. As mentioned, in the past, I have been supported by many members of the club and, in particular, by the Executive. I am indebted to my XYL, MILDRED who has typed all but one of the issues and has made valuable suggestions.

I volunteered last year because I felt that there was a resurgence of enthusiasm within the club and I wanted to be part of it. I have not been disappointed. The Executive, in particular your President and Vice-President, has worked very hard to promote new ideas and activities which would develop a more positive attitude within the club.

Last April repeated exhortations by our President resulted in fairly satisfactory participation in the Fleamarket, a major source of income. In contrast, at the Oshawa Highland Games in 1983 we had twelve operators, not quite enough; yet in 1984 we could only muster seven. We are not now involved in that activity. How unfortunate!!!

While all of us are involved in some aspect of our hobby, we do have members engaged in many on-going activities who still find time to fulfill club responsibilities. Quite frankly, we have the numerical strength yet many of us are reluctant to get involved.

It will soon be time to renew our memberships for 1986. We might take a cue from the Nortown Club's Registration Form and elicit some pertinent information as for example: radio interests; other club memberships; affiliations; licence class; expertise to share with other members. This would provide a valuable source of information and might help to get like-minded individuals together.

There is strength in club membership - in unity! Much could be done. YOUR CONTRIBUTION WOULD BE APPRECIATED.

Thanks for the opportunity to serve.

73

BILL, VE3NTI